

JC10 Rec'd PCT/PTO 18 JUL 2005

PCT

City. Dkt. No. 058423-1266

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lingappa et al.

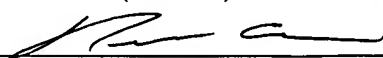
Title: VIRAL DECONSTRUCTION
THROUGH CAPSID ASSEMBLY
IN VITRO

Appl. No.: 10/527,973

Filing Date: 9/11/2003

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

<p>CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Rene Campos</u> (Printed Name)</p> <p><u></u> (Signature)</p> <p><u>7.14.05</u> (Date of Deposit)</p>
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TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents for filing in the above-identified application.

1. First Information Disclosure Statement (2 pgs.);
2. PTO Form SB/08 (2 pgs.);
3. Four (4) references as cited on SB/08 as C1-C4;
4. Copy of International Search Report (PCT/US03/28622) (4 pgs.); and
5. Return postcard.

[X] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise

improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 50-0872.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 12 July 2005

FOLEY & LARDNER LLP
Customer Number: 38706
Telephone: (650) 251-1103
Facsimile: (650) 856-3710

By Karen E. Flick
Karen E. Flick
Attorney for Applicant
Registration No. 44,111



Atty. Dkt. No. 058423-1266

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FIRST INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date 12 July 2005

By Karen E. Flick

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Customer Number: 38706
Telephone: (650) 251-1103
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Karen E. Flick
Attorney for Applicant
Registration No. 44,111

JUL 18 2005

MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 12, 2005 <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/527,973
		Filing Date	9/11/2003
		First Named Inventor	Jaisri R. Lingappa
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	058423-1266

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,750,394		Palese et al.	5/12/1998	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C1	Sakalian et al. "Synthesis and Assembly of Retrovirus Gag Precursors into Immature Capsids In Vitro" <i>J. of Virology</i> 70(6):3706-3715	
	C2	Bollengier et al. "Peptide mapping of mammalian brain protein h3 in subsets of tissues and ligand binding studies" <i>Arch Int Physiol Biochim Biophys</i> 101(1) January-February 1993 - Abstract	
	C3	Beatch et al. "Rubella Virus Capsid Associates with Host Cell Protein p32 and Localizes to Mitochondria" <i>J. of Virology</i> 74(12):5569-5576	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO

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Complete if Known

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First Named Inventor	Jaisri R. Lingappa
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Group Art Unit	Not Yet Assigned
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Examiner Name	Not Yet Assigned
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Attorney Docket Number	058423-1266
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Sheet	2	of	2
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Examiner
Initials*

Cite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

T⁶

C4

Park et al. "The Eek receipt, a member of the Eph family of tyrosine protein kinases, can be activated by three different Eph family ligands" *Oncogene* 14:533-542 (1997)

**Examiner
Signature**

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